



 PRODUCT-DETAILS

OKL160N3YF4UU0N

OKL160N3YF4UU0N F400 EMC Enclosed Switch

"No longer for sale" replaced by



General Information

| | |
|-----------------------|--|
| Extended Product Type | OKL160N3YF4UU0N |
| Product ID | 1SCA161903R1001 |
| EAN | 6417019919515 |
| Catalog Description | OKL160N3YF4UU0N F400 EMC Enclosed Switch |

| | |
|------------------|---|
| Long Description | <p>F400 EMC Enclosed Switch Disconnecter, 3-p. 415V AC23 160A, 88kW. Steel sheet enclosure. IP65. RedYellow Pistol handle. Interlocked cover. Defeatable interlocking.</p> <p>The ABB fire rated switches withstand fire acc. to standard EN12101-3. ABB can provide products for class F200 (120min), F300 (120min) and F400 (120min). Typical applications are high rise buildings, car parks, tunnels or any other place where there are exhaust fans that should stay on during fire. The enclosure is made of rigid aluminium alloy, or painted steel sheet. The F200 and F400 products are also available with auxiliary contacts. The products are EMC approved, when used with EMC cable glands. The handle is padlockable in On and Off position with max. 3 padlocks, and cover is interlocked.</p> |
|------------------|---|

Material Compliance

| | |
|---|-----------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
|---|-----------------|

| | |
|-------------------|-----------------------------------|
| REACH Declaration | 1SCC340076D0201 |
| RoHS Information | 1SCC340075D0201 |
| RoHS Status | Following EU Directive 2011/65/EU |

Ordering

| | |
|------------------------------|-----------------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363090 |
| Replacement Product ID (NEW) | OKL160P3Y0F400N |
| Country of Origin | Finland (FI) |

Popular Downloads

| | |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SCC340004B0201 |
| Instructions and Manuals | 1SCC340005M0007 1SCC340021M0004 |
| Mechanical Drawings | OTKM604023PBL.stp |

Dimensions

| | |
|----------------------------|---------|
| Product Net Width | 400 mm |
| Product Net Height | 600 mm |
| Product Net Depth / Length | 230 mm |
| Product Net Weight | 17.8 kg |

Technical

| | |
|---|---|
| Rated Operational Current AC-22A (I_e) | (380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A |
| Rated Operational Current AC-23A (I_e) | (380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A |
| Rated Operational Power AC-23A (P_e) | (380 ... 415 V) 88 kW (500 V) 112 kW (690 V) 144 kW |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 160 A |
| Rated Impulse Withstand Voltage (U_{imp}) | 12 kV |
| Rated Insulation Voltage (U_i) | acc. to IEC/EN 60664-1 1000 V |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity (I_{cm}) | (690 V AC) 65 kA (690 V AC) 1000Vac kA |
| Rated Short-time Withstand Current Low Voltage (I_{cw}) | for 1 s 15 kA |
| Rated Conditional Short-Circuit Current (I_{nc}) | 61.5 kA |
| Power Loss | at Rated Operating Conditions per Pole 3.2 W |

| | |
|------------------------------------|--|
| Pollution Degree | 3 |
| Handle Color | Red / Yellow |
| Handle Type | Pistol handle |
| Switches Operating Mechanism | On the Front of the Switch |
| Position of Line Terminals | Top In - Bottom Out |
| Standards | IEC 60947-1, -3 |
| Special Functions | EMC |
| Number of Poles | 3 |
| Neutral Type | Detachable neutral |
| Connecting Capacity Main Circuit | Hole Diameter 10 mm Screw Clamp / PE Terminal 4pc,10 ... 70 mm ² |
| Cable Entry Position | Up/Down |
| Cable Outlets Per Side | Blank /Blank |
| Degree of Protection | acc. to IEC 60529 IP65 |
| Impact Resistance Rating | Housing IK09 |
| Enclosure Type | MSC |
| Enclosure Material | Steel sheet |
| Maximum Mounted Auxiliary Contacts | 2 NO, 2 NC |
| Mounted Auxiliary Contacts | 0 NO, 0 NC |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 0 |
| Terminal Type | Bolt |
| Tightening Torque | Main Circuit 22 N-m |
| Mechanical Durability | 16000 |

Technical UL/CSA

| | |
|-------------------|---------------------|
| Tightening Torque | Main Circuit 22 N-m |
|-------------------|---------------------|

Certificates and Declarations

| | |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC340063D2701 |
|--------------------------------|-----------------|

Container Information

| | |
|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 415 mm |
| Package Level 1 Depth / Length | 710 mm |
| Package Level 1 Height | 325 mm |
| Package Level 1 Gross Weight | 21.8 kg |
| Package Level 1 EAN | 6417019919515 |

Classifications

| | |
|----------------------------|---|
| Object Classification Code | Q |
| ETIM 8 | EC000216 - Switch disconnecter |
| ETIM 9 | EC000216 - Switch disconnecter (low voltage) |
| eClass | V11.1 : 27371403 |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

Low Voltage Products and Systems → Enclosed Switches → Enclosed Switch-Disconnectors → Fire Rated Enclosed Switch-Disconnectors

